# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Monday 17 Apr 2023 until 23:59 on Tuesday 18 Apr 2023

Forecast Issued on Sunday 16 Apr 2023 at 14:38

**Confidence:** High confidence for largely settled conditions the next few days. Lower for cloud details, and for any precipitation from Wednesday.

**Headline for Monday 17 Apr 2023:** Cloudy start, sunny spells later.

**Mountain weather hazards on Monday 17 Apr 2023**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>Medium Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>Medium Likelihood |

**Weather and chance of precipitation at 600m**

| Time | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
|---|---|---|---|---|---|---|---|---|
| | FOG | FOG | FOG | FOG | | | | MIST |
| | Fog | Fog | Fog | Fog | Cloudy | Sunny intervals | Sunny intervals | Mist |
| Precipitation probability | 30% | 40% | 30% | 20% | <05% | <05% | 00% | 10% |

**Forecast for Monday 17 Apr 2023**

**Weather:** Widespread cloud with outbreaks of mostly light rain and drizzle through the early hours. Low cloud and some rain and drizzle continuing into the morning, but cloud slowly thinning. Becoming dry by late morning, with sunny spells developing for the afternoon. Further low cloud moving into eastern parts of the Park during the evening.

**Chance of cloud-free hill tops above 600m:** 10% becoming 100% by early afternoon. Becoming 30% in the east by late evening.

**Low cloud and visibility:** Widespread low cloud at first, with bases 300-400m. Cloud lifting and breaking during the morning, with periods of cloud above the hilltops for the afternoon. Areas of cloud with bases 300-400m in the east of the Park by late evening. Visibility will be poor in drizzle or very poor in cloud covering the hills. Becoming mostly good for the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
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# Met Office Mountain Weather Forecast

**Forecast for Monday 17 Apr 2023**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 3/4 S | 7/10 E | 8/12 SE | 11/15 E | 11/15 E | 11/16 E | 11/17 E | 13/18 E | 14/19 E |
| **300** | 3/4 SE | 4/7 E | 3/7 E | 7/10 E | 9/14 E | 9/13 E | 8/13 E | 9/17 E | 10/17 NE |
| **Valley** | 3/4 E | 5/10 E | 4/8 E | 6/11 E | 7/13 E | 7/12 E | 7/14 E | 10/19 E | 11/23 E |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 7/7 | 7/5 | 7/5 | 7/4 | 8/5 | 9/6 | 8/5 | 5/1 | 3/-2 |
| **300** | 9/8 | 9/8 | 8/8 | 9/8 | 11/9 | 12/10 | 11/10 | 7/4 | 5/2 |
| **Valley** | 9/9 | 9/8 | 9/8 | 10/9 | 12/11 | 13/12 | 12/11 | 8/5 | 6/2 |
| **Freezing Level*** | 2200m | 2200m | 2200m | 2100m | 2000m | 1800m | 1600m | 1200m | 1200m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

A day for layers. Cloudy and damp at first, but some spells of strong sunshine for the afternoon, although temperatures will remain chilly at height. Note deteriorating conditions in the east during the evening as cloud moves in.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 14:00 on Sun 16 Apr 2023 | 0mm | 6.8mm | 12.2mm |

**Forecast for Tuesday 18 Apr 2023**

**Weather:** Areas of low cloud overnight, mainly in the east of the Park, with some drizzle possible. Low cloud clearing by mid-morning to leave a dry day with little cloud giving strong sunshine. Some patchy low cloud perhaps re-developing in eastern parts during the evening. Becoming breezy, with gusty winds possible at height and on downslopes in the west.

**Maximum wind:** East or northeast 20-25 mph, gusting 30-35 mph.

**Chance of cloud-free hill tops above 600m:** 30%, becoming 100% by mid-morning. Becoming 60% during the evening.

**Low cloud and visibility:** Widespread low cloud at first, with bases 300-500m. Cloud lifting and breaking by mid-morning. Periods of cloud with bases 300-400m in the east of the Park by late evening. Visibility will be poor in drizzle or very poor in cloud covering the hills. Becoming mostly good by mid-morning.

**Temperature:** **Valleys:** Plus 3 Celsius becoming plus 13 Celsius by mid-afternoon
**At 600m:** Plus 4 or 5 Celsius
**Freezing level:** Above the hilltops

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